



**OHIO**  
UNIVERSITY

**College of Health Sciences and Professions**

**Office of the Dean**

Grover Center W379  
Athens, OH 45701-2979  
T: 740.593.9336  
F: 740.593.0285  
[www.ouchsp.org](http://www.ouchsp.org)

**Department of Social  
and Public Health**

Grover Center W324  
T: 740.593.4675

**School of Applied Health  
Sciences and Wellness**

Grover Center E317  
T: 740.566.0470.

**School of Nursing**

Grover Center E365  
T: 740.593.4494

**School of Rehabilitation  
and Communication Sciences**

Grover Center W290  
T: 740.593.1224

*CHSP Faculty Research &  
Scholarly Activity  
(Annual Report)*

January 1, 2014—December 31, 2014

*Printing: 8/7/15 (v1)*

## Dean's Message

We in the College of Health Sciences and Professions are pleased to share this report of our scholarly activity during the 2014 calendar year. As you will see, our faculty and students were very successful in a broad array of research endeavors. Their work has resulted in the list of publications, presentations, and grants included in this report. We are proud of the community of scholars who reside in the College and know they are making important contributions to the advancement of health and wellbeing through the research they do—whether it is in one of the research labs here on campus, a healthcare setting, or out in the community. More than just a list of publications, presentations, and grants, the various projects described in this report represent important new knowledge that enhances all of the professions and disciplines included in the College. I invite you to read through the following pages and know that you will be impressed by the volume, scope, and quality of the research my colleagues in the College of Health Sciences and Professions have undertaken.

Randy Leite, PhD

Dean

# Table of Contents

## **Department and Schools**

Department of Social & Public Health (SPH)  
Undergraduate and Graduate Programs  
Accreditation

School of Applied Health Sciences & Wellness (AHSW)  
Undergraduate and Graduate Programs  
Accreditation

School of Nursing (SON)  
Undergraduate and Graduate Programs  
Accreditation

School of Rehabilitation & Communication Sciences (RCS)  
Undergraduate and Graduate Programs  
Accreditation

## **Faculty**

Group I  
Clinical Faculty  
Instructional Faculty  
Visiting Professors  
Administrative Staff / Clinical Instructors  
Dean's Office

## **Research Laboratories**

## **Faculty Awards, Cumulative List**

## **Scholarship in 2014 (calendar year)**

Publications  
Presentations

## **Grants & Contracts Awarded in 2014 (fiscal year)**

Intramural  
Extramural

# Department and Schools

## Department of Social and Public Health

This Department is distinguished by its breadth of programs addressing social and community health services, environmental and population-level diseases, and health administration. During calendar year 2014, this Department had 15 Group I faculty, 10.45 Group II-IV, and 2 classified staff members.

### Undergraduate programs

*Bachelor of Science in Health (BS-H) –Community Health; Long-Term Health Care Administration; Health Services Administration*  
*Bachelor of Science in Environmental Health (BS-EH)*  
*Bachelor of Science in Occupational Hygiene and Safety (BS-OHS)*  
*Bachelor of Science in Child and Family Studies (BS-CFS)*  
*Bachelor of Arts in Social Work (BA-SW)*  
*Bachelor of Social Work (BSW)*

### Graduate programs

*Master of Health Administration–Online (MHA)*  
*Master of Public Health (MPH)*  
*Master of Science in Child and Family Studies (MS-CFS)*  
*Master of Social Work (MSW) & Advanced Standing Master of Social Work (AS-MSW)*

Fall 2014 student FTE: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Child & Family Studies	190	13
Environmental Health & Occupational Hygiene and Safety	47	0
Health Services Administration & Long Term Health Care Administration	319	417
Public Health	50	15
Social Work (includes pre-SW students)	136	55

### Accreditation

*Environmental Health (BS): National Environmental Health Science and Protection Accreditation Council (NEHSPAC), 2010-2016.*  
*Long Term Health Care Administration (BS): National Association of Boards of Examiners for Long Term Care Administrators (NAB), 2010-2015.*  
*Public Health (MPH): Council on Education for Public Health (CEPH), 2009-2016.*  
*Social Work (BA, MSW): Council on Social Work Education (CSWE), 2006-2014.*

## School of Applied Health Sciences and Wellness

This School offers a set of inter-related academic degrees in exercise physiology, nutrition, and athletic training supported by two ancillary units in the College: The Atrium Café, and WellWorks. During calendar year 2014, this School had 11 Group I faculty, 7 Group II-IV instructional faculty, 1 clinical faculty, and 2 classified staff members.

### Undergraduate programs

*Bachelor of Science in Athletic Training (BS-AT)*

*Bachelor of Science in Exercise Physiology (BS-EP)*

*Bachelor of Science in Food and Nutrition Sciences (BS-FNS) with two tracks:*

- *Nutrition*
- *Applied Nutrition*

### Graduate programs

*Master of Science in Athletic Training (MS-AT)*

*Master of Science in Physiology of Exercise (MS-EP)–Clinical*

*Master of Science in Physiology of Exercise (MS-EP)–Research*

*Master of Science in Food and Nutrition Sciences (MS-FNS)*

Fall 2014 student FTE: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Athletic Training	133	39
Exercise Physiology	388	16
Food and Nutrition Sciences	188	14

### Accreditation

*Applied Nutrition (formerly Dietetics) (BS):* Accreditation Council for Education in Nutrition and Dietetics (ACEND), 2005-2015.

*Athletic Training (BS; professional accreditation):* Commission on Accreditation of Athletic Training Education (CAATE), 2012-2022 (site visit during 2020-2021).

*Athletic Training (MS; post-professional accreditation):* Commission on Accreditation of Athletic Training Education (CAATE), 2012-2016 (site visitation to occur in 2014-15).

## School of Nursing

This School is comprised of a comprehensive ladder of nursing programs. The RN-to-BSN is an online program with national distribution. During calendar year 2013, on the Athens campus, this School had 11.3 Group I faculty, 10 Group II-IV instructional faculty (including one simulation lab coordinator), and 8 classified staff members. Additional faculty, academic advisors, and classified staff members serve the online and regional campus nursing programs.

### Undergraduate programs

- Associate Degree in Nursing (ADN) (regional campus program)*
- Bachelor of Science in Nursing (BSN)*
- Registered Nurse-to-Bachelor of Science in Nursing (RN-to-BSN)*
- School Nurse License*

### Graduate programs

- Master of Science in Nursing (MSN) with three major areas of concentration:*
- *Educator*
  - *Administrator*
  - *Family Nurse Practitioner*

Fall 2014 student FTE: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
RN-to-BSN (eLearning)	5,523	0
BSN (Athens)	585	0
MSN (Blended)	0	21
MSN (Graduate Outreach)	0	413

### Accreditation

- Nursing (AD):* Accreditation Commission for Education in Nursing (ACEN), 2007-2015; and Ohio Board of Nursing (OBN), 2010-2015.
- Nursing (RN-to-BSN):* Commission on Collegiate Nursing Education (CCNE), 2011-2021.
- Nursing (BSN):* Commission on Collegiate Nursing Education (CCNE), 2011-2021; Ohio Board of Nursing, 2013-2018.
- Nursing (MSN):* Commission on Collegiate Nursing Education (CCNE), 2012-2022.

## School of Rehabilitation and Communication Sciences

This School offers degrees in physical therapy, and communication sciences and disorders. The Physical Therapy program offers a professional doctorate, and the Communication Sciences and Disorders program offers bachelor's and master's preparation, as well as an Audiology Doctorate and Doctor of Philosophy degree. During calendar year 2014, this School had 17 Group I faculty members, 2.33 Group II-IV instructional faculty, 5 clinical faculty, and 5.5 classified staff members, some of whom staff OU Therapy Associates (offering physical therapy, and speech, language and hearing services).

### Undergraduate Programs

*Bachelor of Science in Communication Sciences and Disorders (BS-CSD) [formerly Hearing, Speech and Language Sciences, BS-HSLS]  
 Hearing, Speech and Language Sciences (Minor)  
 Honors Tutorial Program, Hearing Speech and Language Sciences*

### Graduate programs

*Doctor of Physical Therapy (DPT)  
 Master of Arts in Communication Sciences and Disorders (MA-CSD) [formerly Speech-Language Pathology, MA-SLP]  
 Doctor of Clinical Audiology (AuD)  
 Doctor of Philosophy in Hearing Science (PhD-HS)  
 Doctor of Philosophy in Speech-Language Science (PhD-SLS)  
 Teacher Certification for Speech-Language Pathology*

Fall 2014 student FTE: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Bachelor of Science Speech-Language Pathology	268	N/A
Master of Arts Speech-Language Pathology	N/A	45
Doctor of Audiology	N/A	34
Ph.D. Hearing Science or Speech-Language Science	N/A	14
Physical Therapy	0	125

### Accreditation

*Physical Therapy (DPT):* Commission on Accreditation in Physical Therapy Education (CAPTE), 2009-2019.  
*Speech-Language Pathology (MA):* Council on Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA), 2011-2019.  
*Audiology (AuD):* Council on Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA), 2011-2019.

*Note.* In fall 2014 (of academic year 2014-2015), the College of Health Professions enrolled 9,358 students (which includes 193 undergraduate students with undecided majors). These enrollment statistics were provided by the Registrar.

## Department of Interdisciplinary Health Studies

This new department offers several certificate programs and a new undergraduate degree.

During calendar year 2014, this Department had .7 (2 part-time) Group I faculty members, 3.0 FTE Group II-IV instructional faculty, 0 clinical faculty, and 1.0 FTE classified staff member. Total FTE = 4.7.

### UNDERGRADUATE

- Gerontology Certificate
- Global Health Certificate
- Integrated Healthcare Studies (B.S.)

### GRADUATE

African Community Health Services

- African Community Health Certificate

Gerontology

- Graduate Gerontology Certificate

Clinical Informatics

- Clinical Informatics Certificate

Healthcare Leadership

- Healthcare Leadership Certificate

Global Health

- Global Health Certificate

Fall 2014 student FTE: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
African Community Health Certificate	N/A	1
Clinical Informatics Certificate	N/A	0
Gerontology Certificate	35	0
Global Health Certificate	8	N/A
Healthcare Leadership Certificate	N/A	0
Integrated Healthcare Studies (BS)	0	N/A



# Faculty<sup>1</sup>

## (Listed alphabetically)

### Emeriti<sup>2</sup>

- Emily S. Buckberry, MA, Assistant Professor Emerita of Hearing and Speech Sciences
- Sue Bullard, PhD, Assistant Professor Emerita of Applied Health Sciences and Wellness
- Leona Cibrowski, PhD, Associate Dean Emerita
- Charles Richard Dean, PhD, Assistant Professor Emeritus of Hearing, Speech/Language Sciences
- Sharon Denham, DSN, RN, Professor Emerita of Nursing
- Joann B. Fokes, PhD, Professor Emerita of Hearing and Speech Sciences
- Donald J. Fucci, PhD, Professor Emeritus of Hearing, Speech and Language Sciences
- Norman Garber, PhD, Professor Emeritus of Hearing, Speech and Language Sciences
- Margorie Hagerman, MS, Assistant Professor Emerita of Applied Health Sciences and Wellness
- Emily Harman, RN, MSN, Assistant Professor Emerita of Nursing
- Ronald W. Isele, MA, Associate Professor Emeritus of Hearing and Speech Sciences
- Gary S. Neiman, PhD, Dean Emeritus
- Cynthia Clair Norkin, EdD, Associate Professor Emerita of Physical Therapy
- Kathleen Fox Tennant, PhD, APRN, Assistant Professor Emerita of Nursing

### Group I Faculty Members

- George [Raul] Audi, PhD, Assistant Professor (SPH)
- Cathy Baker, PhD, RN, Assistant Professor (SON)
- Tania Basta, PhD, MPH, CHES, Associate Professor (SPH)
- Joann Benigno, PhD, Associate Professor (RCS)
- Darlene Berryman, PhD, RD, LD, Professor (AHSW)
- Doug Bolon, PhD, Associate Professor (SPH)
- Mary E. Bowen, RN, DNS, JD, NEA, Professor (SON) <sup>ER</sup>
- François-Xavier Brajot, PhD, Assistant Professor (RCS) <sup>NEW</sup>
- Robert G. Brannan, PhD, Associate Professor (AHSW)
- Julie Antoinette Brown, PhD, Assistant Professor (SPH) <sup>NEW</sup>
- Rebecca Bryant, DNP, CNP, Assistant Professor (SON)
- Jenny Chabot, PhD, CCLS, Associate Professor (SPH)
- Gary S. Chleboun, PhD, PT, Professor (RCS)
- Tawna Cooksey-James, PhD, RN, CNE, Assistant Professor (SON)
- Jeffrey J. DiGiovanni, PhD, Associate Professor (RCS)
- Joseph Duke, PhD, Assistant Professor (AHSW) <sup>NEW</sup>
- Warren Galbreath, PhD, SW, Associate Professor (SPH)

---

<sup>1</sup> The abbreviation (in parentheses) after each name indicates the current department or school affiliation: Department of Social and Public Health (**SPH**); School of Applied Health Sciences and Wellness (**AHSW**); School of Nursing (**SON**); School of Rehabilitation and Communication Sciences (**RCS**).

<sup>2</sup> Titles for Emeriti were derived from the Emeriti Directory, retrieved from:  
[http://www.ohio.edu/emeriti/upload/emeriti\\_directory\\_may\\_28\\_2014\\_for\\_essman.pdf](http://www.ohio.edu/emeriti/upload/emeriti_directory_may_28_2014_for_essman.pdf)

- Roger Gilders, PhD, Professor (AHSW)
- Brooke Hallowell, PhD, Professor (RCS)
- Deborah E. Henderson, PhD, RN, CNE, Professor (SON)
- David H. Holben, PhD, RD, LD, Professor (AHSW)
- Cheryl Howe, PhD, CES, CEP, Assistant Professor (AHSW)<sup>3</sup>
- Gregory Janson, PhD, Associate Professor (SPH)
- Fuh-Cherng Jeng, MD, PhD, Associate Professor (RCS)
- Xia Jing, MD, PhD, Assistant Professor (SPH) <sup>NEW</sup>
- Joan Jurich, PhD, Associate Professor (SPH)
- Youngsun Kim, PhD, Associate Professor (RCS)
- Caroline Kingori, PhD, Assistant Professor (SPH)
- Michael Kushnick, PhD, HFS, Associate Professor (AHSW)
- Chao-Yang Lee, PhD, Associate Professor (RCS)
- Mingun Lee, PhD, SW, Associate Professor (SPH)
- John McCarthy, PhD, Associate Professor (RCS)
- Charman Miller, MSN, ANP-BC, CNE, Associate Professor (SON) (Tenured, Chillicothe)
- James W. Montgomery, PhD, Professor (RCS)
- Michele Morrone, PhD, RS, Professor (SPH)
- Brian Ragan, PhD, AT, Assistant Professor (AHSW) <sup>RES</sup>
- Sharon R. Rana, PhD, HFS, CSCS, Associate Professor (AHSW)
- Dennis T. Ries, PhD, Associate Professor (RCS) <sup>RES</sup>
- Kathleen Rose-Grippa, PhD, RN, Professor (SON) <sup>ER</sup>
- David Russ, PhD, PT, Associate Professor (RCS)
- Jeffrey Russell, PhD, AT, Assistant Professor (AHSW)
- Tim Ryan, PhD, RS, CIH, Professor (SPH)
- Alexander V. Sergeev, PhD, MD, MPH, Associate Professor (SPH)
- Betty Sindelar, PhD, PT, Associate Professor (RCS)
- Solveig Spjeldnes, PhD, SW, Assistant Professor (SPH)<sup>4</sup>
- Charles [Chad] Starkey, PhD, AT, FNATA, Professor (AHSW)
- Rika Tanda, PhD, RN, Assistant Professor (SON)
- James Thomas, PhD, PT, Professor (RCS)
- Jason White, PhD, Assistant Professor (AHSW)
- Vicki Wilson, MS, RN, CPNP, Professor (Tenured, Zanesville)
- Li Xu, MD, PhD, Associate Professor (RCS)<sup>5</sup>

### Clinical Faculty<sup>6</sup>

- Ashley Crow, DPT, Assistant Clinical Professor (RCS)
- Melissa Bowlby, MSBS, PA-C, AT, Assistant Clinical Professor (RCS) <sup>NEW</sup>
- Cheryl Geng, PA-C, Assistant Clinical Professor (RCS) <sup>NEW</sup>
- Tobe Gillogly, MS, PTA, Assistant Clinical Professor (RCS) <sup>NEW</sup>
- Laura Harris, ATC, PhD, Associate Clinical Professor (RCS) <sup>NEW</sup>

<sup>3</sup> Dr. Howe promoted to associate professor effective fall 2015.

<sup>4</sup> Dr. Spjeldnes promoted to associate professor effective fall 2015.

<sup>5</sup> Dr. Xu promoted to professor effective fall 2015.

<sup>6</sup> Clinical Faculty rank approved by Faculty Senate spring 2012; effective fall 2012.

- Kerrie Obert, MS, CCC-SLP, Assistant Clinical Professor (RCS)
- Christina Orozco, MEd, AT, Assistant Clinical Professor (AHSW)
- Robert Wayner, DPT, Assistant Clinical Professor (RCS) <sup>NEW</sup>
- Janice Wright, MA, CCC-SLP, Assistant Clinical Professor (RCS)
- James Zedaker, PA-C, Assistant Clinical Professor (RCS)
- Marjorie A. Vogt, PhD, DNP, CFNP, CPNP, CNE, FAANP, Clinical Professor and Associate Director, Doctor of Nursing Practice (SON)

## Instructional Faculty<sup>7</sup>

- Carole Alder, MSW, LISW-S, Lecturer (SPH)
- Amanda Leigh Alonzo, PhD, Lecturer (SON)
- RuthAnn Althaus, PhD, MPH, MBA, MSLIS, Senior Lecturer (SPH)
- Marcus Barr, MS, Lecturer (AHSW)
- Trina Bookman, MS, CPR/AED/IT, FA/AED/IT, WSI/IT, LG/IT, Lecturer (AHSW)
- Angela Bohyer, MAHE, RD, LD, Lecturer (AHSW) <sup>NEW</sup>
- Nichole Brandes, AuD, CCC-SLP, Lecturer (RCS)
- Michael Clevidence, MS, CSCS, Lecturer (AHSW)<sup>8</sup>
- Debra Dee Cox, BSN, RN, Lecturer (SON) <sup>NEW</sup>
- Annelle Edwards, MSW, Lecturer (SPH)
- Anna Gray, MS, ACSM-RCEP, Lecturer (AHSW)
- Charlotte Groves, MSN, RN, Lecturer (SON) <sup>NEW</sup>
- Heather Harmon, MPH, Lecturer (SPH)
- Eliza Harper, MSN, Assistant Professor (SON)
- Terri Hood-Brown, MSN, RN, Assistant Professor (SON)
- Janice Howman, DPT, MEd, Assistant Professor (RCS)
- Kimberly D. Hughes, RN, MSN, APN-BC, Lecturer (SON) <sup>NEW</sup>
- Aimee Imbrosciano, RN, MSN, MPH, Lecturer (SON) <sup>NEW</sup>
- Lesly Knowlton, DNP, MSN, Lecturer (SON) <sup>NEW</sup>
- B. Andrew Krause, PhD, AT, Assistant Professor (RCS)
- Brenda Martinez-Nieves, PhD, Lecturer (RCS) <sup>NEW</sup>
- Danielle McElhiney, MS, Lecturer (AHSW) <sup>NEW</sup>
- Francis McFadden, MS, Assistant Professor (AHSW)
- Juli L. Miller, MSHA, Lecturer (SPH)
- Kimberlee Miller-Wenning, DNP, CNP, ANP, FNP, PMHNP, Lecturer (SON)
- Samuel [Kirby] Moss, PhD, Lecturer (SPH)
- Deborah Murray, MS, RD, LD, Associate Lecturer (AHSW)<sup>9</sup>
- Brian Phillips, Med, MA, Lecturer (SPH)
- Sarah O'Brien, MSN, RN, Lecturer (SON)
- Tracy Pritchard, MSW, LISW-S, Lecturer (SPH)
- Kim Resanovich, BSN, Lecturer (SON)
- Tamara Rhodes, BSN, MSN, FNP, Assistant Professor (SON)
- Penelope Roberts, MSN, BSN, Lecturer (SON)

<sup>7</sup> Instructional Faculty "lecturer" titles approved by Faculty Senate spring 2013; effective fall 2013.

<sup>8</sup> Mr. Clevidence promoted to associate lecturer effective fall 2015.

<sup>9</sup> Ms. Murray promoted to associate lecturer effective Fall 2014.

- Kerri Shaw, MSW, LISW-S, Lecturer (SPH)
- Kayla Shinew, PhD, AT, Lecturer (AHSW)
- Patricia Snider, MSN, BSH, RN, Assistant Professor (SON)
- Leah Uhl, BSN, RN, Lecturer (SON)
- Brooke Vaughan, DPT, Assistant Professor (RCS)
- Theresa Wharton, BSN, MSN, Assistant Professor (SON)
- Margaret Yearwood, BSN, MSN, EdD, Assistant Professor (SON)
- Lisa J. S. Yehl, MSHA, LNHA, Lecturer (SPH)
- Jennifer Yoder, MS, RD, LD, Lecturer (AHSW)

### Visiting Professors

- Peter Giammalvo, AB, MA, PhD, FACHE, Visiting Health Leadership Executive in Residence
- Deborah Meyer, PhD, RN, Visiting Assistant Professor of Global Health
- Melvina Brandau, MSN, BSN, Visiting Professor (SON) <sup>NEW</sup>
- Sherleena Buchman, MSN, BSN, Visiting Professor (SON) <sup>NEW</sup>

### Administrative Staff and Clinical Instructors

- Amanda Brooks, BS, Kids on Campus Assistant Program Manager
- Michele Courtney, PT, MBA (RCS)
- Kevin Davis, MPA, MEd, Director, Center for Campus and Community Engagement
- Timarie Francis, BA, Kids on Campus Program Manager
- Kristi Kinnard, MA, CCC-SLP (RCS)
- Marianne Malawista, PhD, CCC-SLP (RCS)
- Brandi Nance, AuD, CCC-A (RCS)
- James Odenthal, PT, MBA (RCS)
- Rebecca Robison-Miller, MPA, Community Outreach Manager
- Sarah Taylor, MA, CCC-SLP (RCS)

### Dean's Office

- Randy Leite, PhD, Dean
- Jennifer Horner, PhD, JD, Associate Dean for Research and Graduate Studies
- Sally A. Marinellie, PhD, Associate Dean for Academic Affairs
- Averell S. Overby, DrPH, PT, Interim Associate Dean for Dublin Extension Programs

### NOTES

**ER**—Early retiree status.

**RES-RET**—Resignation or retirement effective during calendar year 2014.

**NEW**—Appointed in calendar year 2014.

## Research Laboratories

- Athletic Training Lab - Dr. Chad Starkey
- Auditory Electrophysiology Lab - Dr. Fuh-Cherng (Fuh) Jeng

- Auditory Prosthesis Lab - Dr. Li-Xu
- Auditory Psychophysics & Signal Processing
- Augmentative and Alternative Communication Lab - Dr. John McCarthy
- Biomaterials Lab - Dr. Betty Sindelar
- Developmental Psycholinguistics Lab - Dr. Jim Montgomery
- Dysphagia Lab - Dr. Youngsun Kim
- Environmental Health / Occupational Hygiene and Safety Lab - Dr. Tim Ryan
- Exercise Biochemistry Lab - Dr. Michael Kushnick
- Exercise Physiology Lab - Drs. Sharon Rana and Michael Kushnick
- Exercise Science Lab - Drs. Sharon Rana and Michael Kushnick
- Food Science Lab - Dr. Robert Brannan
- Integrative Muscle Physiology - Dr. David Russ
- Motor Control Lab - Dr. James Thomas
- Muscle Mechanics Lab - Dr. Gary Chleboun
- Neurolinguistics Lab - Dr. Brooke Hollowell
- Sensory Analysis Lab - Dr. Robert Brannan
- Speech Processing Lab - Dr. Chao-Yang Lee
- Test Kitchen - Dr. Robert Brannan
- Transitions in the Acquisition of Language Knowledge (T.A.L.K.) Lab - Dr. Joann Benigno

# Internal Faculty Awards<sup>10</sup>

## (Cumulative List of Awardees and Their Program Affiliations)

### COMPETITIVE RESEARCH GRANTS

#### Scholarly Activity Award (research grant)

1996 –

1. Sharon Denham, Nursing
2. Kevin Crist, Environmental Health Science
3. Celine Pinet, Interior Design
4. Helen Ezell, Hearing, Speech and Language Sciences
5. Edwin Leach, Hearing, Speech and Language Sciences
6. Joan Tucker-Carver, Community Health Services

1997 –

1. M. Patrick Feeney, Hearing, Speech and Language Sciences
2. Douglas Kohn, Physical Therapy

1998 –

1. Helen Ezell, Hearing, Speech and Language Sciences
2. Youngkhill Lee, Recreation and Sport Sciences
3. David Holben, Food and Nutrition Sciences
4. Gary Chleboun, Physical Therapy

1999 –

1. Dennis Cade and Gary Chleboun, Physical Therapy
2. Douglas Kohn, Physical Therapy

2000 –

1. Marta Amaral-Melendez, Exercise Physiology
2. David Holben, Food and Nutrition Sciences
3. Michael Miller, Hearing, Speech and Language Sciences
4. Kathleen Fox Tennant, Nursing
5. Steve A. Xue, Hearing, Speech and Language Sciences
6. Douglas Kohn, Physical Therapy

2001 –

1. Tim Ryan, Environmental Health
2. Sally Marinellie, Hearing, Speech and Language Sciences
3. Yingjiao Xu and Ann Paulins, Human and Consumer Sciences
4. Angela Baum, Child Development

2002 – (None)

2003 –

---

<sup>10</sup> Grants and awards are announced by the Dean each Spring (at the end of the academic year). Research grant funds are made available in the new fiscal year (July 1).

1. Darlene Berryman, Food and Nutrition Sciences
2. Jeffrey Digiovanni, Hearing, Speech and Language Sciences

2004 – Li Xu, Hearing, Speech and Language Sciences

2005 – (None)

2006 –

1. Li Xu, Hearing, Speech and Language Sciences
2. Samuel Alexander Scott, Physical Therapy
3. Yingjiao Xu, Retail and Merchandising

2007 –

1. Joann Benigno, Hearing, Speech and Language Sciences
2. Robert Brannan, Food and Nutrition Sciences
3. John McCarthy, Hearing, Speech and Language Sciences
4. Jim Montgomery, Hearing, Speech and Language Sciences

2008 –

1. Fuh-Cherng Jeng, Hearing, Speech and Language Sciences
2. Youngsun Kim, Hearing, Speech and Language Sciences
3. David Russ, Physical Therapy

#### **Summer Research Grant<sup>11</sup>**

2011 – David Russ, Physical Therapy

2011 – Fuh-Cherng Jeng, Communication Sciences and Disorders

2012 – Rich Willy, Physical Therapy

2013 – Youngsun Kim, Communication Sciences and Disorders

2014 – Youngsun Kim, Communication Sciences and Disorders

#### **Community-Engaged Research Grant<sup>12</sup>**

2013 – Cheryl Howe, Exercise Physiology

2014 – John McCarthy, Communication Sciences and Disorders

#### **Mentored Research Grant<sup>13</sup>**

2012 – Jason White, Exercise Physiology

2012 – Rich Willy, Physical Therapy

2013 – Caroline Kingori, Public Health

2013 – Natalie Pope, Social Work

#### **Interdisciplinary Research Grant<sup>14</sup>**

2012 – Darlene Berryman, Food and Nutrition Sciences

2013 – Michele Morrone, Environmental Health

<sup>11</sup> Peer reviewed by the Scholarly Activity Awards Committee.

<sup>12</sup> Competitive award established in AY 2012-13; Peer reviewed by the Scholarly Activity Awards Committee.

<sup>13</sup> Competitive award established in AY 2011-12; Peer reviewed by the Scholarly Activity Awards Committee.

<sup>14</sup> Competitive award established in AY 2011-12; Peer reviewed by the Scholarly Activity Awards Committee.

- 2013 – Joann Benigno and Cheryl Howe, Communication Sciences and Disorders;  
Exercise Physiology
- 2014 – (None)
- 2015 – Rika Tanda, School of Nursing (with collaborators Kimberly Hughes, Michael Kushnick and Elizabeth A. Beverly)

## HONORARY AWARDS

*(The award is made in spring of each year, reflecting accomplishments during the prior calendar year)*

### **Faculty Research and Creative Activity Award<sup>15</sup>**

- 2005 – James Thomas, Physical Therapy
- 2006 – Li Xu, Hearing, Speech and Language Sciences
- 2007 – David Holben, Food and Nutrition Sciences
- 2008 – James Thomas, Physical Therapy
- 2009 – Li Xu, Hearing, Speech and Language Sciences
- 2010 – James Montgomery, Hearing, Speech and Language Sciences
- 2011 – Darlene Berryman, Food and Nutrition Sciences
- 2012 – Cheryl Howe, Exercise Physiology
- 2013 – Michele Morrone, Environmental Health
- 2014 – Cheryl Howe, Exercise Physiology
- 2015 – John McCarthy, Communication Sciences and Disorders

### **Innovative Teaching Award<sup>16</sup>**

- 2005 – Margaret King, Human and Consumer Sciences
- 2006 – Mike Crauder, Recreation and Sport Sciences
- 2007 – Sally Marinellie, Hearing, Speech, and Language Sciences
- 2008 – John McCarthy, Hearing, Speech, and Language Sciences
- 2009 – Michele Morrone, Environmental Health
- 2010 – Fuh-Cherng Jeng, Hearing, Speech, and Language Sciences
- 2011 – Joan Jurich, Child and Family Studies
- 2012 – Juli Miller, Public Health
- 2013 – No award
- 2014 – Brian Phillips, Health Services Administration
- 2015 – Andrew Krause, School of Rehabilitation and Communication Sciences

### **Lee Cibrowski Advising and Mentoring Award<sup>17</sup>**

- 2010 – Darlene Berryman, Food and Nutrition Sciences
- 2011 – Sally Marinellie, Hearing, Speech, and Language Sciences
- 2012 – Doug Bolon, Health Administration
- 2013 – Tania Basta, Public Health

<sup>15</sup> Honorary award applications, by nomination, peer reviewed by the Scholarly Activity Awards Committee.

<sup>16</sup> Formerly the Exemplary Teacher Award; renamed in 2011; Honorary award applications, by nomination, reviewed by the Teaching & Learning Committee.

<sup>17</sup> Established in 2010; Honorary award applications, by nomination, peer reviewed by CHSP's Teaching & Learning Committee supplemented by representatives from the Department of Sports Administration, College of Business; the Interior Architecture Program, College of Fine Arts; the Department of Recreation and Sport Pedagogy, Patton College of Education; Department of Human and Consumer Science Education, Patton College of Education.



2014 – Janice Howman, Physical Therapy  
2015 – JoAnn Benigno, Communication Sciences and Disorders

**Outstanding Teacher Award<sup>18</sup>**

2008 – Petra Williams, Physical Therapy  
2009 – Matthew Adeyanju, Public Health  
2010 – Youngsun Kim, Hearing, Speech and Language Sciences  
2011 – Chris Nyirati, Nursing  
2012 – Petra Williams, Physical Therapy  
2013 – Youngsun Kim, Communication Sciences and Disorders  
2014 – Michael Clevidence, Exercise Physiology  
2015 – Li Xu, Communication Sciences and Disorders

**Dean’s Outstanding Student Research Award (honorary)**

2015 –  
*Undergraduate:* Lucas Harrison, Exercise Physiology (faculty advisor, Michael Kushnick)  
*Graduate:* Kimberly Clevenger, Exercise Physiology (faculty advisor, Cheryl Howe)

**Gary S. Neiman Graduate Research Award (research grant)**

2013 – Naveen Nagaraj, Communication Sciences and Disorders  
2014 – David Hajjar, Communication Sciences and Disorders  
2015 – Katie Troike, Food and Nutrition Sciences

\* \* \*

---

<sup>18</sup> Honorary award by competitive selection by CHSP’s Student Advisory Council.  
College of Health Sciences and Professions

# Publications

## in Calendar Year 2014

This report includes peer-reviewed manuscripts, chapters, books, and other publications, as well as “Epub ahead of print,” and articles “in press” as of December 31, 2014. *Note: “In press” and “Epub ahead of print” while included, are not counted in official 2014 publication totals; these will be included and counted as published in the 2015 report.*

1. Austin, A., Patterson, S., Knutson, M., McGlynn, M., & **Kushnick, M.** (In press). Resting plasma lipids A. and cardiovascular reactivity to acute psychological stress. *Journal of Psychophysiology*.
2. Bansah, A. K., **Holben, D. H., & Basta, T.** (2014). Food insecurity is associated with depression among individuals living with HIV/AIDS in Rural Appalachia. *Journal of Appalachian Studies*, 20(2), 194-206.
3. **Basta, T.**, Stambaugh, T., & Fisher, C. (In press). Efficacy of an educational intervention to increase consent for HIV testing in rural Appalachia. *Ethics and Behavior*.
4. **Berryman, D. E.**, Householder, L. A., Lesende, V., List, E. O., & Kopchick, J. J. (In press). Living large: What mouse models reveal about growth hormone and obesity. In N. Berger (Ed.), *Murine models of energy balance and cancer*, Vol. 10 of *Energy balance and cancer*. New York, NY: Springer.
5. **Berryman, D. E.**, Lubbers, E R., Magon, V., List, E. O., & Kopchick, J. J. (2014). A dwarf mouse model with decreased GH/IGF-1 activity that does not experience life-span extension: Potential impact of increased adiposity, leptin, and insulin with advancing age. *Journals of Gerontology Series A Biological Sciences and Medical Sciences*, 69A(2), 131-141 .
6. **Brannan, R. G.**, Mah, E., Casher, K., Lehn, M., Yuan, S., Myers, A. M., & Herrick, C. S. (2014). Influence of ingredients that reduce oil absorption during immersion frying of battered and breaded foods. Invited review. *European Journal of Lipid Science and Technology*, 116(3), 240-254. doi:10.1002/ejlt.201200308
7. **Bryant, R.**, & Gaspar, P. (2014). Implementation of a self-care of heart failure program among home-based clients. *Geriatric Nursing*, 35(3), 188-193.
8. Chou, M.-S., **Jeng, F.-C.**, Lin, C.-D., & Wang, T.-C. (2014). Recording frequency-following responses to voice pitch in guinea pigs—Preliminary results. *Perceptual and Motor Skills*, 118(3), 681-690. doi:10.2466/22.24.PMS.118k28w1
9. Clark, B. C., Mahato, N., Nakazawa, M., Law, T., & **Thomas, J.** (2014, December). The power of the mind: The cortex as a critical determinant of muscle strength/weakness. *Journal of Neurophysiology*, 112(12), 3219-3226. doi:10.1152/jn.00386.2014
10. **Cooksey-James, T.** (2014). Overview of growth and development framework. In C. L. Edelman, E. C. Kudzma, & C. L. Mandle (Eds.), *Health promotion throughout the life span* (8th ed., pp. 335-350). St. Louis, MS: Elsevier Mosby.

11. **Cooksey-James, T.**, Salman, A., & Lee, Y-H. (2014). Toddler. In C. L. Edelman, E. C. Kudzma, & C. L. Mandle (Eds.), *Health promotion throughout the life span* (8th ed., pp. 428-448). St. Louis, MS: Elsevier Mosby.
12. Della, L., Ashlock, M., & **Basta, T.** (In press). Perceptual differences in Type 2 diabetes-related stigma in Appalachian Kentucky. *Journal of Health Communication*.
13. **Duke, J. W.**, Stickford, J. L., Weavil, J. C., Chapman, R. F., Stager, J. M., & Mickleborough, T. D. (2014). Operating lung volumes are affected by exercise mode but not trunk and hip angle during maximal exercise. *European Journal of Applied Physiology*, *114*, 2387-2397.
14. **Duke, J. W.**, Elliott J. E., Laurie S. S., Beasley K. M., Mangum T. S., Goodman R. D., . . . Lovering, A.T. (2014). Reduced lung diffusion capacity and very preterm birth does not further exacerbate the AaDO<sub>2</sub> during exercise while breathing normoxic and hypoxic gas. *Journal of Applied Physiology*, *117*, 473-481.
15. Elliott, J. E., **Duke, J. W.**, Hawn, J. A., Halliwill, J. R., & Lovering, A. T. (21014). Increased cardiac output not pulmonary artery systolic pressure, increases intrapulmonary shunt in healthy humans at rest breathing room air and 40% O<sub>2</sub>. *Journal of Physiology*, *592*, 4537-4553.
16. Ellis, C., Lindrooth, R. C., & **Horner, J.** (2014, May). Retrospective cost-effectiveness analysis of treatments for aphasia: An approach using experimental data. *American Journal of Speech-Language Pathology*, *23*, 186-195. doi:10.1044/2013\_AJSLP-13-0037
17. Finney, M., **Montgomery, J.**, Gillam, R., & Evans, J. (2014). Role of working memory storage and attention focus switching in children's comprehension of spoken object relative sentences. *Child Development Research*, *54*, 1-11.
18. Gesing, A., Wang, F., List, E. O., **Berryman, D. E.**, Masternak, M. M., Lewinsk, A., . . . Bartke, A. (In press, Epub ahead of print 2014, February 18). Expression of apoptosis-related genes in liver-specific growth hormone receptor gene-disrupted mice is sex dependent. *Journals of Gerontology Series A, Biological Sciences and Medical Sciences*.
19. Gray, K., Fehr, J., Nicknair, J., Bushey, C., & **Starkey, C.** (In press). Validation of the Ottawa ankle rules in the immediate setting. *Journal of Athletic Training*. (Nominated for national outstanding research project)
20. Groom, J., **Henderson, D.**, & Sittner, B. (2014, July). NLN/Jeffries simulation framework state of the science project: Simulation design characteristics [Featured article]. *Clinical Simulation in Nursing*, *10*(7), 337-344.
21. Haverkamp, J., & **Vogt, M.** (In press). Beyond academic evidence: Innovative uses of technology within e-portfolios to achieve learner centered outcomes in a Doctor of Nursing Practice program. *Journal of Professional Nursing*, *31*(4). doi:10.1016/j.profnurs.2015.03.007
22. **Holben, D.**, Bansah, A., & **Basta, T.** (In press). Food insecurity is associated with depression among individuals living with HIV/AIDS in rural Appalachia. *Journal of Appalachian Studies*.
23. **Horner, J.**, Norman, M., & Ripich, D. R. (In press). Dementia. In A. F. Johnson & B. H. Jacobson (Eds.). *Medical speech-language pathology: A practitioner's guide* (3rd ed.). New York, NY: Thieme.

24. Horwitz, L., **McCarthy, J. W.**, Roth, M. A., & **Marinellie, S. A.** (2014). Effects of an animated exemplar/nonexemplar program to teach the relational concept “on” to children with autism and developmental delays who require AAC. *Contemporary Issues in Communication Sciences and Disorders*, 41, 83-95.
25. **Howe, C. A., Barr, M. W.**, Winner, B. C., Kimble, J., & **White, J. B.** (In press). The use of the latest active video games in the fight against weight gain in college students. *Journal of Physical Activity and Health*.
26. **Howe, C. A., Barr, M. W.**, Winner, B. C., Kimble, J. R., & **White, J. B.** (In press). The physical activity energy cost of the latest active video games in young adults. *Journal of Physical Activity & Health*, 12(2), 171-177. doi:10.1123/jpah.2013-0023
27. Ivanova, M. V., & **Hallowell, B.** (2014). A new modified listening span task for people with and without aphasia. *Journal of Communication Disorders*, 52, 78-98. doi:10.1016/j.jcomdis.2014.06.001
28. Jackson, T. J., **Starkey, C.**, McElhiney, D., & Domb, B. (In press). Epidemiology of hip injuries in the National Basketball Association. A 24 year overview. *Orthopaedic Journal of Sports Medicine*.
29. **Janson, G. R.** (In press). Emotional maltreatment by teachers: The hidden curriculum of bullying in the classroom. In J. E. Bartlett (Ed.), *School bullying: Predictive factors, coping strategies and effects on mental health*. New York, NY: Nova Science Publishers.
30. **Janson, G. R.**, & Procter, J. E. (In press). Helping students with severe behavioral problems. In B. R. Erford (Ed.), *Professional school counseling: A handbook of theories, programs & practices*. Austin, TX: CAPS Press.
31. Jara, A., Benner, C., Sim, D., Wang, X., List, E. O., Householder, L. A., **Berryman, D. E.**, & Kopchick, J. J. (2014, March). Hypertension in male GH transgenic mice is age-dependent. *Endocrinology*, 155(3), 975-986.
32. **Jing, X.**, & Cimino, J. J. (2014). A complementary graphical method for reducing and analyzing large data sets. Case studies demonstrating thresholds setting and selection. *Methods of Information in Medicine*, 53(3), 173-185. doi:10.3414/ME13-01-0075
33. **Jing, X.**, Kay, S., Marley, T., & Hardiker, N. R. (2014). Integration of an OWL-DL knowledge base with an EHR prototype and providing customized information. *Journal of Medical Systems*, 38(9), 75. doi:10.1007/s10916-014-0075-4
34. King, M. A., & **Janson, G. R.** (In press). Emotional safety in the classroom: The school counselor’s role. In B. R. Erford (Ed.), *Professional school counseling: A handbook of theories, programs & practices* (pp. xxx). Austin, TX: CAPS Press.
35. **Kingori, C.**, Haile, Z. T., & Ngatia, P. (In press, Epub ahead of print 2014, April 22). Depression symptoms, social support and overall health among HIV positive individuals in Kenya. *International Journal of STD & AIDS*, 26(3), 165-172. doi:10.1177/0956462414531933

36. Kopchick, J. J., List, E. O., Kelder, B., Gosney, E. S., & **Berryman, D. E.** (2014, April 15). Evaluation of growth hormone (GH) action in mice: Discovery of GH receptor antagonists and clinical indications. *Molecular Cellular Endocrinology*, 386(0), 34–45.
37. Kruse, N. T., **Barr, M. W., Gilders, R. M., Kushnick, M. R., & Rana, S. R.** (In press, Epub ahead of print 2014, September 6). Effect of different stretching strategies on the kinetics of vertical jumping in female volleyball athletes. *Journal of Sport and Health Science*. doi:10.1016/j.jshs.2014.06.003
38. Kruse, N., **Barr, M., Gilders, R., Kushnick, M., & Rana, S.** (In press). Determinants of force-time variables after stretching in female college division I volleyball players. *Journal of Sport and Health Science*.
39. **Lee, C.-Y.,** Lekich, A., & Zhang, Y. (2014). Perception of pitch height in lexical and musical tones by English-speaking musicians and nonmusicians. *Journal of the Acoustical Society of America*, 135, 1607-1615, doi:10.1121/1.4864473
40. **Lee, C.-Y.,** Zhang, Y., & Li, X. (2014). Acoustic characteristics of Mandarin voiceless fricatives. *Journal of Chinese Linguistics*, 42, 150-171.
41. **Lee, C.-Y.,** & Zhang, Y. (2014). Processing speaker variability in repetition and semantic/associative priming. *Journal of Psycholinguistic Research*, doi:10.1007/s10936-014-9307-5
42. **Lee, M.,** Carlson, K., & Hawranick, S. (2014). Impact of providers' cultural competence on clients' satisfaction and hopefulness in rural family services: A pilot study. *Journal of Contemporary Rural Social Work*, 6, 1-14.
43. **Lee, M.,** Carlson, K., & Hawranick, S. (2014). Moderating effects of practitioner's rural cultural competence on practice outcomes over the family service practice. *Journal of Behavioral and Social Sciences*, 1, 40-49.
44. Lee, Y-H., Salman, A., & **Cooksey-James, T.** (2014). Adolescent. In C. L. Edelman, E. C. Kudzma, & C. L. Mandle (Eds.), *Health promotion throughout the life span* (8th ed., pp. 514-534). St. Louis, MS: Elsevier Mosby.
45. List, E. O., **Berryman, D. E.,** Funk, K., Jara, A., Kelder, B., Wang, F., . . . Kopchick, J. J. (2014, May). Liver-specific GH receptor gene-disrupted (LiGHRKO) mice have decreased endocrine IGF-I, increased local IGF-I, and altered body size, body composition, and adipokine profiles. *Endocrinology*, 155(5), 1793-1805.
46. Lovering, A. T., Elliott, J. E., Laurie, S. S., Beasley, K. M., Yang, X., Gust C. E., . . . **Duke, J. W.** (2014). Ventilatory and sensory responses in adult survivors of preterm birth and bronchopulmonary dysplasia with reduced exercise capacity. *Annals of the American Thoracic Society*, 11(10), 1528-1537.
47. Martos-Moreno, G. A., Sackmann-Sala, L., Barrios, V., **Berryman, D. E.,** Okada, S., Argente, J., & Kopchick, J. J. (In press). Proteomic analysis allows for early detection of potential markers of metabolic impairment in very young obese children. *International Journal of Pediatric Endocrinology*.

48. McCallum, C., Mosher, P., **Howman, J.**, Engelhard, C., Euype, S., & Cook, C. (2014). Development of regional core networks for administration of physical therapist clinical education. *Journal of Physical Therapy Education*, 28(Suppl 1), 39-47.
49. **McCarthy, J.W.**, & Dietz, A. (Eds.). (2014). *Augmentative and alternative communication: An interactive clinical casebook*. San Diego, CA: Plural Publishing. ISBN 13: 978-1-59756-449-6
50. **McElhiney, D.**, Kang, M., **Starkey, C.**, & **Ragan, B.** (2014). Improving the memory sections of the standardized assessment of concussion using item analysis. *Measurement in Physical Education and Exercise Science*, 18(2), 123-134.
51. **Montgomery, J.**, Gillam, R., & Evans, J. (In press). Information processing in children with language impairments. In E. Silliman & R. Bahr (Eds.), *Handbook of communication disorders*. New York, NY: Routledge Publishers.
52. Norris, H. C., Mangum, T. S., **Duke, J. W.**, Strayley, T. B., Hawn, J. A, Goodman, R. D., & Lovering, A. T. (2014). Exercise- and hypoxia-induced blood flow through intrapulmonary arteriovenous anastomoses is reduced in older adults. *Journal of Applied Physiology*, 116, 1324-1333.
53. Oh, H.-J., & **Rana, S.** (2014). Pedometer-assessed physical activity levels of rural Appalachian youth. *Physical Educator*, 71(4), 539-557.
54. Oommen, E., & **McCarthy, J. W.** (2014). Natural speech and AAC interventions in childhood motor speech disorders: Not an either/or situation. *Perspectives on Augmentative and Alternative Communication*, 23, 117-123. doi:10.1044/aac23.3.117
55. Plow, M., Bethoux, F., McDaniel, C., **McGlynn, M.**, & Marcus, B. (2014). Randomized controlled pilot study of customized pamphlets to promote physical activity and symptom self-management in women with multiple sclerosis. *Clinical Rehabilitation*, 28(2), 139-148. doi:10.1177/0269215513494229
56. **Russ, D. W.**, Wills, A. M., Boyd, I. M., & Krause, J. (2014). Weakness, SR function and stress in gastrocnemius muscles of aged male. *Experimental Gerontology*, 50, 40-44.
57. Sackmann-Sala, L., **Berryman, D. E.**, Lubbers, E. R., Zhang, H., Vesel, C. B., Troike, K. M., . . . Kopchick, J. J. (In press, Epub ahead of print 2013, July 20). Age-related and depot-specific changes in white adipose tissue of growth hormone receptor-null mice. *Journals of Gerontology Series A Biological Sciences and Medical Sciences*.
58. Salman, A., Lee, Y-H., & **Cooksey-James, T.** (2014). Emerging populations and health. In C. L. Edelman, E. C. Kudzma, & C. L. Mandle (Eds.), *Health promotion throughout the life span* (8th ed., pp. 22-44). St. Louis, MS: Elsevier Mosby.
59. Salsberry, P., **Tanda, R.**, Anderson, S. E., & Kamboj, M. K. (In press). Pediatric type 2 diabetes: prevention and treatment through a life course health development framework. In N. Halfon, C. Forrest, R., Lerner, & E. Faustman (Eds.), *The handbook of life course health development*. New York, NY: Springer.
60. **Spjeldnes, S.**, Jung, H., & Yamatani, H. (2014). Gender differences in jail populations: Factors to consider in reentry strategies. *Journal of Offender Rehabilitation*, 35(2), 75-94.

61. **Spjeldnes, S.**, & Yamatani, H. (In press). Child support conviction and recidivism: A statistical interaction pattern by race. *Journal of Evidence-Based Social Work*.
62. Stout, M. B., Tchkonja, T., Pirtskhalava, T., Palmer, A. K., List, E. O., **Berryman, D. E.**, . . . Kirkland, J. L. (2014, July). Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. *Aging*, 6(7), 575-586.
63. **Tanda, R.**, & Salsberry, P. J. (2014). Racial differences in the association between maternal prepregnancy obesity and children's behavior problems. *Journal of Developmental & Behavioral Pediatrics*, 35(2), 118-127. doi:10.1097/DBP.0000000000000007
64. **Tanda, R.**, & Salsberry, P. J. (2014). The impact of the 2007 Expert Committee Recommendations on Childhood Obesity Preventive Care Provision in Primary Care Settings in the United States. *Journal of Pediatric Health Care*, 28(3), 241-250. doi:10.1016/j.pedhc.2013.05.009
65. Tanner, D. A., **Duke, J. W.**, & Stager, J. M. (2014). Ventilatory patterns differ between maximal running and cycling. *Respiratory Physiology & Neurobiology*, 191, 9-16.
66. Trent, A., Park, T., Oommen, E., & **Kim, Y.** (2014). The effects of bolus consistencies on the swallowing safety in poststroke patients, *Communication Sciences and Disorders*, 19(2), 249-255.
67. Unsworth, D. A., **Russell, J. A.**, & Martiny, A. C. (2014). Presence of *Staphylococcus aureus* on university dance studio floors and barres: A preliminary investigation. *Journal of Dance Medicine & Science*, 18(3):115-120.
68. Welch, W. A., Bassett, D. R., Freedson, P. S., Staudenmayer, J. W., John, D., Steeves, J. A., . . . **Howe, C. A.**, Sasaki, J. E. (2014). Cross-validation of waist-worn GENE accelerometer cut-points. *Medicine and Science in Sports and Exercise*, 6(9), 1825-1830. doi:10.1249/MSS.0000000000000283
69. White, A., & **Miller, C. L.** (2014). Development and delivery of an interdisciplinary course for nursing and office administration. *Journal of Interdisciplinary Studies in Education*, 2(2). Available from: [http://itcc-web.astate.edu/ojs/index.php/jise/article/view/80/pdf\\_20](http://itcc-web.astate.edu/ojs/index.php/jise/article/view/80/pdf_20)
70. Zhou, N., & **Xu, L.** (2014). Melody recognition in dichotic listening with or without frequency mismatch. *Ear and Hearing*, 35(3), 379-382.

# Presentations in Calendar Year 2014

(Includes *paper* and *poster* presentations, published *abstracts and proceedings* of platform and poster presentations, as well as invited *seminars, workshops* or *lectures* in state, regional, national, and international forums during calendar year 2014.)

1. Abram, K., & **McCarthy J.** (2014, March). *The impact of music therapy on children with complex communication needs and autism spectrum disorders*. Poster session presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.
2. Abram, K., & **McCarthy, J.** (2014, November). *Music therapy with children with autism spectrum disorders requiring AAC: Focus group results*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
3. Austin A., **Kushnick M.**, & Patterson S. (2014, April 23-26). *Resting plasma lipids and cardiovascular reactivity to acute psychological stress*. Poster session presented at the 35th annual meeting & scientific sessions of the Society of Behavioral Medicine, Philadelphia, PA.
4. **Baker, C. J.**, & Nyirati, C. (2014, March 28). *Smoking cessation with pregnant Appalachian women: A pilot of the "Save-A-Mom" program*. Poster session presented at the annual meeting of Midwest Nursing Research Society, St. Louis, MO.
5. Ball, K., Applegate, M., Chapman, J., Hunt, R., Luzar, J., Behnfeldt, J., Harrison, L., Robison, S., Cocumelli, C., **Tanda, R.**, **Clevidence, M.**, Hotta, N., & **Kushnick, M.** (2014, November). *Triglyceride levels following short term high intensity interval training in sedentary men*. Poster session/paper presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Merrillville, IN.
6. Bashir, A., Singer, B., Gillam, R., & **Montgomery, J.** (2014, November). *Working memory and its influence on comprehension and vocabulary learning: Models, assessment and intervention guidelines*. Seminar presented at the annual convention of the American Speech, Language, and Hearing Association, Orlando, FL.
7. Bastepe-Gray, S., Schwarzenbach, S., **Russell, J. A.**, Berenson, G., Gray, J., & Peabody, D. S. (2014, July 20-25). *Do not underestimate the athletic physicality of musicianship*. Paper presented in Injury Prevention and Rehabilitation for Musicians: The Current and Potential Roles of the Music Educator [Panel] at the 31st World Conference on Music Education of the International Society for Music Education, Porte Alegre, Brazil.
8. Behnfeldt, J., Applegate, M., Chapman, J., Ball, K., Harrison, L., Hunt, R., Luzar J., Cocumelli, C., **Clevidence, M.**, **Tanda, R.**, Hotta, N., & **Kushnick, M.** (2014, November). *Glycemic control following short term high intensity interval training in sedentary men*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Merrillville, IN.
9. **Benigno, J. P.**, **McCarthy, J.**, Reese, P. B., & Tewanger, C. (2014, November). *Enhancing graduate students' clinical-classroom connections in working with children with autism*. Paper



presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.

10. Berger, B., Mao, Y., & **Xu, L.** (2014). *Effects of spectral shift on dichotic speech recognition*. Poster session presented at the annual meeting of the American Auditory Society [NIH Sponsored Mentored Student Posters], Scottsdale, AZ. (Invited)
11. **Berryman, D. E.** (2014, November 6). *Growth hormone and adipose tissue: Beyond the adipocyte*. Paper presented to the Department of Pharmacology and Nutritional Sciences, University of Kentucky, Lexington, KY. (Invited)
12. **Berryman, D. E.** (2014, June 19). *Full figure-full life: Adipose tissue of growth hormone antagonist mice*. Paper presented at the Endocrine Retreat 2014, University of Illinois at Chicago. (Invited)
13. **Berryman, D. E.** (2014, March 29). *Solving challenges through new technologies and novel approaches*. Translational research panel presented at the 11th annual conference of Metabolic Disease Ohio Valley Affiliates for Life Sciences, Cincinnati, OH. (Invited)
14. **Berryman, D. E.** (2014, February 3). *Fit but fat: The "huge" impact of growth hormone on adipose tissue*. Paper presented at the Center for Science, Health and Society, Case Western Reserve University, School of Medicine, Cleveland, OH. (Invited)
15. Black, K. J., Peters, T. E., & **Brannan, R. G.** (2014, September). *Comparison of the antioxidative effect of extracts from different varieties of pawpaw*. Poster session presented at the Academy of Nutrition and Dietetics Food and Nutrition Conference and Expo, Atlanta, GA. *Journal of the Academy of Nutrition and Diet*, 114(9, Suppl 2), A-47. (Abstract)
16. Bosa, I., & **Althaus, R.** (2014, September). *Implications of accounting in healthcare*. Paper presented at the European Institute for Advanced Studies in Management, Public Sector Conference, Edinburgh, Scotland.
17. Boster, J., Snyder, C., & **McCarthy, J.** (2014, November). *Design principles for AAC apps: Results from four focus groups*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
18. Brown, L., Banks, H., Mahato, N., Clark, B. C., Walkowski, S., & **Thomas, J. S.** (2014, February 3-6). *The influence of a muscle energy treatment session on trunk muscle activity in participants with chronic low back pain*. Poster session presented at the American Physical Therapy Association [APTA] Combined Sections Meeting, Las Vegas, NV.
19. **Bryant, R.** (2014). *Self-care of heart failure: Impact on hospital admissions and behaviors*. Paper presented at the 2014 conference of the American Association of Nurse Practitioners, Nashville, TN.
20. **Bryant, R., Henderson, D., & Miller, C.** (2014). *Taking care of Tina: A digital learning experience with online FNP students*. Paper presented at the American Association of Colleges of Nursing/Masters Education Conference, Scottsdale, AZ.
21. Chapman, L. R., & **Hallowell, B.** (2014, November). *Processing difficult linguistic stimuli evokes more cognitive effort: Evidence from pupillometry*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

22. Chou, E. A., & **Russell, J. A.** (2014, June 28). *Ballet turnout: A comprehensive overview of biomechanical changes that may increase risk of injury*. Paper presented at the annual symposium of the Performing Arts Medicine Association, Snowmass, CO.
23. Chou, E. A., & **Russell, J. A.** (2014, October 17). *A foundation for developing a dance specific ankle stability measure*. Paper presented at the 24th annual meeting of the International Association for Dance Medicine & Science, Basel, Switzerland.
24. Clevenger, K. A., Jackson, M., **Ragan, B. G.**, Sinha, G., & **Howe C. A.** (2014, November). *Children's free-play PA intensity by school playground location*. Paper presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Merrillville, IN.
25. Cohen, L. H., & **Holben, D. H.** (2014, September). Athens locavores—Past and present: Development of a documentary film to teach principles of local eating in a rural Appalachian Ohio community. Poster session presented at the 2014 Food and Nutrition Conference and Exhibition, Atlanta, GA. *Journal of the Academy of Nutrition and Diet, 114*(9, Suppl 2), A-56. (Abstract)
26. David, S., **Ragan, B.**, Hitchcock, J., **Starkey, C.**, & Brooks, G. (2014, April 3). *Developing a measure of trust using a mixed-methods approach*. Poster session presented at the American Educational Research Association, Philadelphia, PA.
27. Davis, J. T., Elliott J. E., **Duke J. W.**, Futral J. E., & Lovering A. T. (2014, April). Breathing 100% O<sub>2</sub>, but not 40% O<sub>2</sub>, during exercise reduces blood flow through intrapulmonary arteriovenous anastomoses. *FASEB<sup>19</sup> Journal, 28*, 1175.7. (Abstract)
28. **DiGiovanni, J. J.** (2014, June). *Tinnitus diagnostics, assessments, therapies and outcomes*. Paper presented at the annual conference of the Louisiana Speech-Language-Hearing Association, Lafayette, LA. (Invited)
29. **DiGiovanni, J. J.** (2014, June). *Cognition and hearing aids*. Paper presented at the annual conference of the Louisiana Speech-Language-Hearing Association, Lafayette, LA. (Invited)
30. **DiGiovanni, J.**, **McCarthy, J.**, & Moore, D. (2014, November). *Interprofessional health teams curriculum: Case-based & experiential clinical experiences*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
31. **Duke, J. W.**, Mangum T. S., Elliott J. E., Gladstone I. M., & Lovering A. T. (2014, April). Breathing heliox reduces expiratory flow limitation and improves exercise performance in adult survivors of extreme preterm birth. *FASEB Journal, 28*, 882.4. (Abstract)
32. Duran-Ortiz, S., Jara, A., Brooks, N., Lubbers, E. R., List, E. O., Kopchick, J. J., & **Berryman, D. E.** (2014). Impact of growth hormone on the expression of angiogenic growth factors in subcutaneous and visceral adipose tissue [Section, Adipocyte Biology-Basic and Translational Aspects]. *Endocrine Reviews 35*(3), MON-0889. (Abstract)
33. Elliott, J. E., **Duke, J. W.**, Futral, J. E., Goodman, R. D., Hawn, J. A., & Lovering, A. T. (2014, April). Increased cardiac output, not pulmonary artery systolic pressure, increases blood flow

---

<sup>19</sup> FASEB: Federation of American Societies for Experimental Biology.  
College of Health Sciences and Professions

through intrapulmonary arteriovenous anastomoses and impairs pulmonary gas exchange efficiency. *FASEB Journal*, 28, 717.2. (Abstract)

34. **Gray, A.**, Slawinski, M., & Kertesz, N. (2014, March). *Exercise stress testing to reveal etiology of chest pain and shortness of breath, is fitness a factor?* Poster session presented at the first annual Cincinnati Clinical Exercise Testing and Therapeutics Symposium, Cincinnati, OH.
35. Griswold, H., Hewage, S., Gerome, J., Hamilton, A., **Sergeev, A. & Holben, D. H.** (2014, September). *Household adult food insecurity is associated with smoking in women attending an OB-Gyn clinic in rural Appalachia.* Paper presented at the 2014 Food and Nutrition Conference and Exhibition, Atlanta, GA. *Journal of the Academy of Nutrition and Diet*, 114(9, Suppl 2), A-9. (Abstract)
36. Haile, Z., Teweldeberhan, A., & **Kingori, C.** (2014). *Associations between enacted stigma and risky sexual behavior among women in sub-Saharan Africa: A population-based multilevel analysis.* Paper presented at the 142<sup>nd</sup> annual meeting and expo of the American Public Health Association, New Orleans, LA.
37. Hajjar, D., **McCarthy, J., & Benigno, J.** (2014, November). *Skiing, horseback riding, and communication with individuals with complex communication needs: experiences from community volunteers.* Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
38. Hall, M., & **Russell, J. A.** (2014, October 18). *Introduction to therabarre ballet class: proprioceptive training for development and toning of muscles required in ballet.* Poster session presented at the 24th annual meeting of the International Association for Dance Medicine & Science, Basel, Switzerland.
39. **Hallowell, B.** (2014, March 28). *Global perspective on aging, disability, and access to care in the developing world.* Lynda R. Campbell Memorial Lecture Series: Topics in Diversity (full day lecture). St. Louis University, Department of Communication Sciences and Disorders, St. Louis, MO. (Invited)
40. **Hallowell, B.** (2014, February). *Strategies to enhance the quality of communication with people who have dementia.* Paper presented at the Community Rehabilitation and Ageing Research Centre, Universiti Kabangsaan Malaysia, Kuala Lumpur, Malaysia. (Invited)
41. **Hallowell, B.** (2014, February). *Boosting self-empowerment for research career development.* Part II. Paper presented at the Universiti Kabangsaan Malaysia Faculty of Health Sciences, Hulu Langat, Malaysia. (Invited)
42. **Hallowell, B.**, Ahmad, K., Drayton, K.A., Dreux, F., Rabin, L., Stokes, S., & Crowley, C. (2014, April). *CAPCSD global networking: Enhancing global service, teaching, and research.* Poster session presented at the annual conference of the Council of Academic Programs in Communication Sciences and Disorders, Orlando, FL.
43. **Hallowell, B.**, Chapman, L., & Modayil, M. (2014, November). *Promoting undergraduate education and participation in gerontology: The Ohio University Aging and Gerontological Education Society.* Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

44. **Hallowell, B.**, Hickey, E., & Chabon, S. (2014, October). *Engaging in ethical and sustainable international experiences [Web chat]*. American Speech-Language-Hearing Association, Special Interest Group on Global Issues in Communication Sciences and Disorders (SIG 17). Available at: <http://www.asha.org/Events/live/10-23-2014-Ethical-Sustainable-International-Experiences/> (Invited)
45. **Hallowell, B., Montgomery, J.**, Chapman, L., Dinh, A., Haghghi, M., Modayil, M., & Rusli, Y. A., (2014, November). *Using pupillometry to index mental effort during cognitive and linguistic processing*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.
46. Hamilton, A., Shubrook, J., Gerome, J., Griswold, H., & **Holben, D. H.** (2014, September). *The relationship of food insecurity to health and nutrition parameters in adult females with polycystic ovary syndrome and attending a clinic for care and management in rural Appalachian Ohio: A pilot study*. Poster session presented at the 2014 Food and Nutrition Conference and Exhibition, Atlanta, GA. *Journal of the Academy of Nutrition and Diet*, 114(9, Suppl 2), A-94. (Abstract)
47. Harrell, A. N., Hewage, S., Hamilton, A., **Sergeev, A.**, Gerome, J., & **Holben, D. H.** (2014, October 19). *Vegetable gardening is associated with greater produce intake in women attending an OB-Gyn clinic in rural Appalachia*. Paper presented at the 2014 Food and Nutrition Conference and Exhibition, Atlanta, GA. *Journal of the Academy of Nutrition and Diet*, 114(9, Suppl 2), A-13. (Abstract)
48. **Harris, L. L.**, & Babich, F. (2014, June). *Professional burnout and stress management*. Paper presented at the District Secretaries and Treasurers Executive Board Meeting of the National Athletic Trainers' Association, Indianapolis, IN. (Invited)
49. Harrison L., Chapman J., Luzar J., Applegate M., Hunt R., Ball K., Behnfeltd J., Cocumelli C., **Tanda, R. Clevidence, M.** Hotta N., & **Kushnick M.** (2014, November). *Effect of 24 hour energy status on postprandial glycemic responses*. Poster session presented to the annual meeting of the Midwest American College of Sports Medicine, Merrillville, IN.
50. **Henderson, D.**, & **Miller, C.** (2014, June). *Taking care of Tina: Does the digital clinical experience improve NP performance on integrated health exam?* Paper presented at the International Nursing Association for Clinical Simulation & Learning (INACSL), Orlando, FL.
51. Heuer, S., Ivanova, M., & **Hallowell, B.** (2014, May). *Exploring the relationship between attention allocation and working memory processes in persons with and without aphasia*. Poster session presented at the Clinical Aphasiology Conference, St. Simons Island, GA.
52. Hewage, S., Griswold, H. R., **Sergeev, A. V.**, Gerome, J., Hamilton, A., & **Holben, D. H.** (2014, April 28). *Food security, produce intake/behaviors, and cervical of health of adult women living in rural Appalachian Ohio: A pilot study*. Poster session presented at the Experimental Biology '14 Conference, San Diego, CA. *FASEB Journal*, 28, 805.16. (Abstract)
53. **Holben, D. H.**, & Smith, E. (2014, September). *Household food insecurity is associated with low produce intake in adult mothers living on Prince Edward Island and using family resource center services*. Paper presented at the 2014 Food and Nutrition Conference and Exhibition, Atlanta, GA. *Journal of the Academy of Nutrition and Diet*, 114(9, Suppl 2), A-9. (Abstract)

54. Hou, L., Brown, K., Feng, Y., Yin, S., & **Xu, L.** (2014). *Short-time temporal fine structure processing improves speech perception*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.
55. Householder, L. A., Suer, O., Funk, K. R., Black, K., Kowalski, J., Lesende, V., List, E. O., . . . **Berryman, D. E.** (2014). Reduction of growth hormone (GH) action in GH antagonist mice results in a dwarf and obese phenotype with impaired glucose metabolism [Section, GH and IGF Action]. *Endocrine Reviews*, 35(3), SUN-0631. (Abstract)
56. Householder, L. A., Troike, K., Lubbers, E. R., Duran-Ortiz, S., Jara, A., List, E. O., . . . **Berryman, D. E.** (2014). *Excess growth hormone promotes white adipose tissue fibrosis in a depot-dependent manner in GH transgenic mice* [Section, Adipocyte Biology—Basic and Translational Aspects]. *Endocrine Reviews*, 35(3), MON-0884. (Abstract)
57. **Howe, C. A.** (2014, May). *Webinar: ActiLife Software multi-day data analysis workshop*. Paper presented via Skype® to Department of Kinesiology and Nutrition, University of Illinois at Chicago. (Invited)
58. **Howe, C., Barr, M., & White, J.** (2014, May). *Physical activity energy cost of the latest active video games in college-aged adults*. Poster session presented to the World Congress on Exercise in Medicine, and World Congress on the Role of Inflammation in Exercise, Health and Disease of the American College of Sports Medicine, Orlando, Florida.
59. **Howe, C. A., & Clevenger K. A.** (2014, August). *Xbox 360 Kinect: Energy cost and enjoyment of active video games in children and teens*. Paper presented at the North American Society for Pediatric Exercise Medicine, University of Minneapolis, MN.
60. **Howe, C. A., Winner, B. C., Barr, M. W., & White, J. B.** (2014, May 30). *Physical activity energy cost of the latest active video games in college-aged adults*. Poster session presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
61. **Howman, J., Barto, K., & May, M.** (2014, February). *Preliminary trends in supply and demand of physical therapist clinical education: A regional analysis*. Poster session presented at the American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV.
62. Hunt, T., **Harris, L. L., & Way, D.** (2014, June). *The impact of concussion education on the knowledge and perceived expertise of novice healthcare professionals*. Poster session presented at the 57th Meeting and Symposia of the National Athletic Trainers' Association, Indianapolis, IN.
63. Hunt, T. N., & **Harris, L. L.** (2014, March). *Managing the adolescent concussion physically and psychologically: An update*. Paper presented at the Winter Meeting and Symposium of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
64. Hunt, R., Harrison, L., Cocumelli, C., Applegate, M., Chapman, J., Lubbe, R., **Clevidence, M., & Kushnick, M.** (2014). *Substrate utilization at rest and following a meal after acute caloric restriction*. Poster session presented at the annual meeting of the Midwest American College of Sports Medicine, Merrillville, IN.

65. **Janson, G. R., & McSteen, P.** (2014, February 20). *BIT II, Advanced applications: Behavioral intervention teams and best practices in higher education*. Paper presented at the University of Toledo, Toledo, OH. (Invited)
66. Jarvis, J. S., Clevenger, K. A., & **Howe C. A.** (2014, November). *Effect of game experience and habits on activity and enjoyment of new active video games in youth*. Paper presented at the annual meeting of the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Merrillville, IN.
67. **Jeng, F.-C.**, Marcis, M. L., & Presley, M. E. (2014, July 7-18). *Brainstem responses to voice pitch in Chinese and English newborns to four different Mandarin Chinese tones*. China Medical University Hospital, Departments of Otolaryngology-HNS and Pediatrics, Taichung, Taiwan. (Three invited presentations, plus a two-week workshop)
68. **Jeng, F.-C.**, & Mayhugh, G. N. (2014, December 8-19). *Frequency-following responses in American and Chinese neonates*. Papers and workshop presented at the China Medical University Hospital, Department of Otolaryngology-HNS, Taichung, Taiwan. (Invited)
69. Jensen, E .A., List, E. O., **Berryman, D. E.**, Lubbers, E. R., Jara, A., Comisford, R., . . . Kopchick, J. J. (2014). Diet-induced obesity increases cellular senescence in multiple white adipose tissue depots: Investigating accelerated aging with obesity [Section, Adipose Tissue and the Adipocyte]. *Endocrine Reviews*, 35(3), MON-0912. (Abstract)
70. Johnson, L., **Spjeldnes, S.**, & Kolpakov, A. (2014, October 15-19). *Mixing up the context and structure: Lessons from a rural reentry evaluation*. Paper presented at the 2014 meeting of the American Evaluation Association: Visionary Evaluation of a Sustainable, Equitable Future, Denver, CO.
71. **Kingori, C.**, Haile, Z., & Ngatia, P. (2014, December 1-3). *Factors that can influence feelings towards and interactions with people living with HIV/AIDS in Central Kenya*. Poster session presented at the conference of the National Institute on Minority Health and Health Disparities Grantees. Prince George's County, National Harbor, MD.
72. Kolpakov, A., Johnson, L., & **Spjeldnes, S.** (2014, November 19-22). *Breaking silence of the hills: Assessing collaborative capacities of NGOs in the Rural Recidivism Reduction Program in Southeast Ohio*. Paper presented at the 43rd annual conference of Association for Research on Nonprofit Organizations and Voluntary Action (ARNOVA): Evolving Sectoral Relationships: Global & Local Views, Denver, CO.
73. Kowalsky, J., **Basta, T.**, & Trace, K. (2014). *Appalachian parents' attitudes and beliefs towards the seasonal flu vaccine for themselves versus their child(ren)*. Poster presented at the annual meeting of the American Public Health Association, New Orleans, LA.
74. **Kushnick M.**, Cocumelli C., Chapman J., Applegate M., Roessler E., Lubbe R., & **Clevidence M.** (2014, May). *The acute effects of energy deficit on postprandial lipemia*. Paper presented at the annual meeting of the American College of Sports Medicine, Orlando, FL.
75. **Lee, M.** (2014, February 10-12). *Impact of understanding client's rural culture on practice outcomes in rural family services*. Paper presented at the 18th annual conference of the American Association of Behavioral and Social Sciences, Las Vegas, NV.

76. **Lee, M.** (2014, June 11-13). *Relationship between research utilization and evidence-based practice use in rural practice settings*. Paper presented at the 10th annual International Interdisciplinary Conference on Clinical Supervision, Garden City, NY.
77. Liu, L., Louko, L., **Hallowell, B.**, Jiang, J., Lych, L., Tobey, E., Watson, J., & Rogers, M. (2014, November). *The China Consortium for Communication Health*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.
78. List, E. O., **Berryman, D. E.**, Funk, K. R., Jara, A., Jensen, E. A., Comisford, R., . . . Kopchick, J. J. (2014). GH action in liver but not adipose tissue influences adipokine production: Comparison of fat-specific and liver-specific GH receptor (GHR) knockout mice [Section, GH and IGF Action]. *Endocrine Reviews*, 35(3), SUN-0627. (Abstract)
79. Lof, G., Scherer, N., Nehring, W., Lauzon Clabo, L., **McCarthy, J.**, DiGiovanni, J., & Portney, L. (2014, November). *Interprofessional education 102: Innovations in health professions education programs*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL. (Invited)
80. Mangum, T. S., **Duke, J. W.**, Elliott, J. E., Goodman, R. D., Gladstone, I. M., & Lovering, A. T. (2014). Excessively increased pulmonary artery systolic pressure during exercise in adults with a history of extreme premature birth is unresponsive to sildenafil. *FASEB Journal*, 28, 1175.8. (Abstract)
81. **McCarthy J.**, Boster, J., & Hajjar, D. (2014, March). *Scanning on mobile services running AAC apps*. Paper presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.
82. **McCarthy, J.** (2014, July). *Understanding the benefits and challenges of incorporating music with children with autism spectrum disorders who use AAC*. Workshop presented to the students and faculty of Speech-Language Pathology & Audiology, Chung Shan Medical University, Taichung City, Taiwan. (Invited)
83. **McCarthy, J.** (2014, July). *Issues related to assessment and intervention with adults requiring augmentative and alternative communication*. Workshop presented to the students and Faculty of Speech and Hearing Disorders and Sciences, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan. (Invited)
84. **McCarthy, J.** (2014, July). *Intervention with children and young adults requiring augmentative and alternative communication*. Workshop presented to the students and faculty of Speech and Hearing Disorders and Sciences, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan. (Invited)
85. **McElhiney, D.**, & Ragan, B. G. (2014, June). *Evaluation of the factor structure for the immediate memory assessment with the standardized assessment of concussion*. Paper presented at the 65th annual meeting of the National Athletic Trainers Association, Indianapolis, IN.
86. **McElhiney, D.**, & David, S. L. (2014, November). *Polytomous IRT modeling: How to Poly!* Paper presented at the annual meeting of the Mid-Western Educational Research Association, Evanston, IL.

87. Mcfadden, K., Russell, L., Hong, L., Nakazawa, M., & **Thomas, J. S.** (2104, November 16). Effects of age and fear cognitions on motor behavior in a step and reach task with varying support surface conditions. *Neuroscience 2014* [Neuroscience Meeting Planner], Poster session No. 251.25/JJ35. Washington, DC: Society for Neuroscience.
88. McSteen, P., & **Janson, G. R.** (2014, September 3). *Managing fear and change in human services: Best practices and new strategies*. Paper presented to Fairfield County Human Services, Pickering, OH. (Invited)
89. **Miller, C., & Henderson, D.** (2014). *Taking care of Tina: Use of a digital clinical experience for advanced health assessment*. Paper presented at Ohio League for Nursing, Columbus, OH.
90. Mira, P., & **Russell, J. A.** (2014, October 17). *The influence of foot structure on injuries to the distal lower limb segment in ballet dancers*. Paper presented at the 24th annual meeting of the International Association for Dance Medicine & Science, Basel, Switzerland.
91. Modayil, M., & **Hallowell, B.** (2014, November). *Testing the automaticity assumption behind eyetracking indices of auditory word*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.
92. **Montgomery, J.** (2014, September). *Memory and sentence comprehension in children with specific language impairment*. Keynote presentation at the 9th Annual Eleanor M. Saffran Conference on Cognitive Neuroscience and Rehabilitation of Communication Disorders, Temple University, Philadelphia, PA.
93. **Morrone, M.** (2014, March). *Social determinants of health and environmental disparities in Appalachia, Ohio*. Paper presented at the Appalachian Studies Conference, Marshall University, Huntington, WV.
94. **Morrone, M.** (2014, April). *Environmental health in Ohio: Perceptions and realities*. Paper presented at the Ohio Environmental Health Association, Columbus, OH. (Invited)
95. **Morrone, M.** (2014, September). *Communicating blind: Risk communication challenges with hydraulic fracturing*. Paper presented at the Southeast Ohio Environmental Health Association, Glouster, OH. (Invited)
96. **Morrone, M.** (2014, December). *Social determinants of health disparities*. Poster session presented at the conference of Minority Health and Health Disparities Grantees, Washington, DC.
97. Oh, H.-J., & **Rana, S.** (2014, April 1-5). *Physical activity levels by activity type during secondary physical education*. Poster session presented at the 2014 annual convention of the American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD), St Louis, MO.
98. Olarescu, N. C., Householder, L. A., Lubbers, E. R., **Berryman, D. E.**, List, E. O., Benencia, F., . . . Bollerslev, J. (2014). Growth hormone signaling influences the fate of adipose tissue-derived mesenchymal stem cells [Section, GH and IGF Action]. *Endocrine Reviews*, 35(3), MON-0626. (Abstract)



99. Oommen, E., & Kim, Y. (2014, November). *Effects of age, gender, & isometric lingual conditions on submental muscle activation in adults*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.
100. Park, T., & Kim, Y. (2014, March). *Bilateral stroke and laryngeal airway protection*. Poster session presented at the annual convention of the Ohio Speech-Language-Hearing Association, Columbus, OH.
101. Park, T., & Kim, Y. (2014, November). *Age and gender differences of maximum hyoid excursion in normal swallowing*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.
102. Russ, D. (2014, May). *Optimizing exercise interventions for aging muscles*. Paper presented in Maximizing Exercise Performance across the Lifespan [Symposium] at the annual meeting of the American College of Sports Medicine, Orlando, FL.
103. Russell, J. A. (2014, March 9). *Clinical care of performing arts students in the university setting: A successful model with wide potential*. Paper presented at the Performing Arts Medicine Association "Free to Play" Southeast Regional Conference, Tampa, FL.
104. Russell, J. A. (2014, May 28). *Your opportunity to help performing artists*. Paper presented in Athletes and the Arts [Colloquium] at the annual meeting of the American College of Sports Medicine, Orlando, FL.
105. Russell, J. A. (2014, June 25). *Opportunities for athletic trainers in university performing arts: Limited only by your imagination*. Paper presented at the annual symposium of the National Athletic Trainers' Association, Indianapolis, IN. (Invited).
106. Russell, J. A., Maust, K. J., & Descoteaux, J. (2014, October 19). *Concussion in dance: back to the studio*. Paper presented at the 24th annual meeting of the International Association for Dance Medicine & Science, Basel, Switzerland.
107. Russell, J. A., Maust, K. J., & McInturf, D. (2014, June 28). *Healthcare provision for university performing arts students: Adapting a traditional athletic training/sports medicine design*. Paper presented at the annual symposium of the Performing Arts Medicine Association, Snowmass, Colorado.
108. Russell, J. A., Solomon, R., & Ambegaonkar, J. P. (2014, October 18). *Scholarly writing demystified: Characteristics of an excellent journal manuscript*. Paper presented at the 24th annual meeting of the International Association for Dance Medicine & Science, Basel, Switzerland.
109. Sergeev, A. V. (2014, March 18-21). *Drug-eluting stent utilization and post-coronary revascularization procedure mortality: Do racial disparities matter?* Paper presented at the Epidemiology and Prevention Scientific Sessions of the American Heart Association, San Francisco, CA.
110. Sergeev, A. V. (2014, March 18-21). *Coronary intervention procedures in CAD patients with diabetes: Racial disparities are associated with post-procedure mortality*. Paper presented at the Epidemiology and Prevention Scientific Sessions of the American Heart Association, San Francisco, CA.

111. Serrano, V.J., Owens, J.S., & **Hallowell, B.** (2014, August). The relationship between visual attention and emotion knowledge in children with ADHD. Paper presented in Serrano, V.J. & Bunford, N. (co-chairs), Emotion Knowledge and Regulation in ADHD: Implications for Behavioral and Social Functioning [Symposium] at the 122nd annual convention of the American Psychological Association, Washington, D.C.
112. Sinha, G., **Ragan, B. G.**, **Howe, C. A.**, & Kronenfeld, B. J. (2014, September). *Spatiotemporal modelling of physical activity for assessment and interpretation of function, disability and health.* Paper presented at the GIScience 2014 Analysis of Movement Data Workshop, Vienna, Austria.
113. Snyder, C., & **McCarthy J.** (2014, March). *Increasing children's interest in augmentative and alternative communication apps for iPad.* Poster session presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.
114. **Spjeldnes, S.** (2014, June). *Rural recidivism reduction (OR3) project report.* Paper presented to the OR3 Stakeholder Meeting, Ohio Department of Rehabilitation and Correction, Office of Offender Reentry, Athens, OH. (Invited)
115. **Starkey, C.** (2014, May 10). *"You are what you is": How the professional degree level will define AT's future role and function.* Paper presented to 2014 meeting and symposium of the Ohio Athletic Trainer's Association, Columbus, OH. (Invited)
116. **Starkey, C.** (2014, May 10). *"You are what you is": How the professional degree level will define AT's future role and function.* Paper presented to the University of Oregon State of the Profession Conference, Eugene, OR. [Simulcast of the OATA presentation] (Invited)
117. **Starkey, C.** (2014, May 31). *The perils of baseline concussion testing.* Paper presented at the 23rd Annual Practical Applications in Sports Medicine Education Conference and Workshop. Palm Springs, CA. (Invited)
118. **Starkey, C.** (2014, June). *Giving some love to inflammation.* Paper presented at the annual symposium of the National Athletic Trainers' Association, St Louis, MO. (Invited)
119. Suer, O., Duran-Ortiz, S., Sustarsic, R. K., Wood, C., List, E. O., **Berryman, D. E.**, & Kopchick, J. J. (2014). Characterization of adult-inducible growth hormone receptor gene disrupted mice [Section, GH and IGF Action]. *Endocrine Reviews*, 35(3), SUN-0632. (Abstract)
120. **Vaughan, B.**, Sabo, S., Hill, K., & **Howman, J.** (2014, February). *Physical therapy intervention including body weight support treadmill training for a young child with partial agenesis of the corpus callosum: A case study.* Poster session presented to the American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV.
121. **Vogt, M.** (2014, June). *Nurse practitioner education and future trends.* Paper presented at the School of Nursing, University of Rotterdam, Netherlands. (Invited).
122. **Vogt, M.**, & Haverkamp, J. (2014, January 29-February 1). *Beyond academic evidence: Innovative uses of technology within e-portfolios to achieve learner-centered outcomes in a DNP program.* Paper presented at the American Association of Colleges of Nursing (ACCN) Doctoral Education Conference, Naples, FL.

123. **Vogt, M.,** & Schaffner, B. (2014, June 22-25). *Comparing technology enhanced teaching methods on Graduate nursing student learning and satisfaction*. Paper presented at 5th International Nurse Education Conference of NETNEP, Noordwijkerhout, Netherlands.
124. **Vogt, M.,** Shoemaker, J., & Cornett, B. (2014, March). *Health promotion in a prison nursery: Improving health knowledge of the incarcerated mother*. Poster session presented at annual conference of the National Association of Pediatric Nurse Associates and Practitioners (NAPNAP), Boston, MA.
125. Williams, B., **Kim, Y.,** & Park, T. (2014, March). *Lingual pressure changes in healthy normal individuals*. Poster session presented at the Dysphagia Research Society, Nashville, TN.
126. **Xu, L.,** Mao, Y., Liu, Q., & Liu, S. (2014). *Vocal singing ability of prelingually-deafened children using hearing aids or cochlear implants*. Poster session presented to the annual meeting of HEaring Across the Lifespan (HEAL), Lake Como, Italy.
127. **Xu, L.** (2014, February 14). *Tonal languages with cochlear implants and hearing aids*. Paper presented at the Institute for Chinese Studies and Department of Speech and Hearing Science, Ohio State University, Columbus, OH. (Invited)
128. **Xu, L.** (2014, June 14). *Speech recognition: spectral skeleton vs. temporal envelope*. Paper presented at the Hearing and Speech Processing Workshop. Beijing, China. June 14, 2014. (Invited)
129. **Xu, L.** (2014, July 9). *Vowel production and vocal singing in prelingually-deafened children with cochlear implants*. Paper presented at the Beijing Children's Hospital, Beijing, China.
130. **Xu, L.** (2014, June 29). *Evaluation of vocal singing in children with cochlear implants*. Paper presented at the International Symposium on Audiology and Auditory Implant Technology, West China Hospital, Sichuan University and audonline.cn, Chengdu, Sichuan, China. (Invited)
131. **Xu, L.** (2014, July 13). *Vowel production in prelingually-deafened children with cochlear implants*. Paper presented at the 9th International Symposium on Hearing Science Research and Clinics, Changsha, China. (Invited)
132. **Xu, L.** (2014, July 28). *Vowel production and vocal singing in prelingually-deafened children with cochlear implants*. Paper presented at the 2014 Shanghai Municipal Summer Camp for Otolaryngology Graduate Students and Workshop on Otolaryngology Research Technology, Department of Otolaryngology, Shanghai Sixth People's Hospital, Shanghai Jiaotong University, Shanghai, China. (Invited)
133. **Xu, L.** (2014, October 23). *Auditory nerve physiology*. Paper presented at the 10th Seminars on the Diagnosis and Treatment of Hearing and Vertigo Disorders, Beijing Institute of Otolaryngology, Beijing Tongren Hospital, Capital Medical University, Beijing, China. (Invited)
134. **Xu, L.** (2014, October 25). *Pitch coding in auditory neuropathy*. Paper presented at the 1st Oriental Conference of Otolaryngology–Head & Neck Surgery (OCOHNS), Shanghai, China. (Invited)
135. **Xu, L.** (2014, October 27). *Vowel production and vocal singing in prelingually-deafened children with cochlear implants*. Paper presented at Shanghai University, Shanghai, China. (Invited)

136. **Xu, L.** (2014, December 11). *Speech and pitch processing in normal-hearing and hearing-impaired listeners*. Paper presented at Phonak, Stäfa, Switzerland. (Invited)
137. Yang, J., Brown, E., Fox, R. A., & **Xu, L.** (2014). *Acoustic properties of vowel production of prelingually deafened children with cochlear implants*. Poster session presented at the 13th International Conference on Cochlear Implants and Other Implantable Auditory Technologies, Munich, Germany.
138. Zhang, Y., & **Lee, C.-Y.** (October 2014). *Talker variability in spoken word recognition: Evidence from repetition priming*. Paper presented at the 168<sup>th</sup> Meeting of the Acoustical Society of America, Indianapolis, IN.

# Grants and Contracts Awarded

## INTRAMURAL GRANTS

**Benigno, Joann P., McCarthy, John W., Lee, Chao-Yang, & Taylor, Sarah** (RCS). (2014, Fall). *Enhancing undergraduate student learning through the construction of evidence-based materials to families of children with autism with graduate student and faculty mentorship*. The Ohio University 1804 Fund (\$20,700).

**Kingori, C., & Bianco, J.** (2014). Orphans and vulnerable children in Botswana: Sexual violence and community resources for traumatic stress., Global Health Initiative Research and Scholarly Award (GHIRSA), cosponsored by the College of Health Sciences and Professions and Heritage College of Osteopathic Medicine (\$11,158).

**Duke, Joseph** (AHSW). (2015, Spring). Respiratory limitations during exercise in adults with a history of very premature birth. The Ohio University Research Council (\$8,000).

**Jeng, Fuh-Cherng & Nance, Brandie** (RCS). (2014, Fall) Computer modeling of brainstem responses to voice pitch in American and Chinese neonates. The Baker Fund, Ohio University (\$10,580).

**Jeng, Fuh-Cherng** (RCS) (2014). Obtaining and utilizing the Intelligent Baby Simulator (Named Isao). College of Health Sciences and Professions, Technology Fund (\$7,570).

**Jing, Xia. (2014, Fall)** (SPH). Development of an online data filtering, analysis and visualization tool for large hierarchical data sets The Baker Fund, Ohio University (\$12,000).

**Kim, Youngsun** (RCS). (2014). *Temporal and biomechanical indicators of aspiration in poststroke patients*. College of Health Sciences and Professions, Summer Research Grant (\$9,550).

**McCarthy, John.** (2014). (RCS-CSD). *Maximizing the engagement of volunteers and participants with complex communication needs in a therapeutic riding program*. College of Health Sciences and Professions, Community-Engaged Research Grant (\$8,850).

Grijalva, M., **Berryman, D. E.**, Reynolds, S., Shubrook, J., & Howe, C. (2014). Assessment of obesity, diabetes and cardiometabolic risk in adolescents from rural versus urban communities in Ecuador. Research and Scholarly Affairs Committee (RSAC), Heritage College of Medicine (\$10,000).

## EXTRAMURAL GRANTS AND CONTRACTS

Fiscal Year 2014 (July 1, 2013 – June 30, 2014)

Beatty, M. (2014). Heartworks—A Partnership Between Ohio University WellWorks and O'Bleness Memorial Hospital, **\$194,580**.

Berryman, D. (2014). *Vision 2020: Basic and Translational Diabetes Research*. Osteopathic Heritage Foundation, **\$1,067,551**.

Bowen, M. (2014). *Chose Ohio First Nursing Program*. Ohio Board of Regents, **\$398,000**.

Bowen, M. (2014). *Advancing Ohio University Nursing Through Advanced Education Nursing Traineeships (AENT)*. Health Resources and Services Administration (HRSA), **\$348,828**.

Bryant, R. (2014). *Impact on Hospital Admissions and Self-Care Behaviors Using a Self-Care of Heart Failure Program*. American Association of Nurse Practitioners, **\$2,500**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. Logan Hocking Board of Education, **\$55,894.75**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. O'Bleness Memorial Hospital, **\$1,175,542.45**.

Chleboun, G. (2014). *FY14 Athens County Board DD—Physical Therapy*. Athens County Board of DD, **\$12,612.75**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. Hocking County Board of DD, **\$11,138.75**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. Buckeye Hills Career Center, **\$39,962.15**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. Echoing Meadows Residential Center, **\$4,020.00**.

Chleboun, G. (2014). *FY14 Physical Therapy Contract*. Meigs County Board of DD, **\$4,221.00**.

Davis, K. (2014). *Kids on Campus—Nelsonville Afterschool*. Athens Foundation, **\$15,000**.

Davis, K., Francis, T., & Brooks, A. (2014). *Trimble Elementary Afterschool Family Events Spring 2013*. Athens Foundation, **\$2,000**.

Davis, K., & Frederick, A. (2014). *21<sup>st</sup> Century Community Learning Center*. Southern Local School District (Perry County), **\$18,860**.

Davis, K., & Frederick, A. (2014). *21<sup>st</sup> Century Community Learning Center FY14—Federal Hocking Middle School*. Federal Hocking Local School District, **\$131,560**.

Davis, K., & Frederick, A. (2014). *21<sup>st</sup> Century Community Learning Center FY14—Federal Hocking Local School District*. Federal Hocking Local School District, **\$186,560**.

Davis, K., & Frederick, A. (2014). *21<sup>st</sup> Century Community Learning Center FY14—Athens City Elementary*. Athens City School District, **\$171,400**.

Davis, K., & Frederick, A. (2014). *21<sup>st</sup> Century Community Learning Center FY14—Trimble Middle School (New Application)*. Trimble Local School District, **\$189,200**.

**Davis, K., & Frederick, A.** (2014). *21<sup>st</sup> Century Community Learning Center FY14—Trimble Elementary Reapplication*. Trimble Local School District, **\$85,800**.

**Davis, K., & Frederick, A.** (2014). *21<sup>st</sup> Century—Trimble Elementary KOC*. Trimble Local School District, **\$5,538**.

**DiGiovanni, J., & McCarthy, J.** (2014). *Healthcare Access Initiative #1—Interprofessional Health Teams Project*. Ohio State University, **\$499,671**.

**France, C., Hong, S., Thomas J., Carlson, B., & Walkowski, S.** (2014). *Using an Interactive Game to Reduce Fear and Increase Spine Motion in Low Back Pain*. National Institute of Health, **\$196,020**.

**Francis, T.** (2014). *Summer Intermediate Academy*. Ohio Department of Education, **\$6,936.15**.

**Francis, T., & Brooks, A.** (2014). *Summer 2014 Promoting Healthy Lifestyles*. Sisters of Saint Joseph Charitable Fund, **\$4,000**.

**Galbreath, W.** (2014). *Child Welfare Workforce Professional Education Program (CWWPEP)*. Ohio Department of Jobs and Family Services, **\$123,250**.

**Hallowell, B.** (2014). *Tools for Training and Education on the Responsible Conduct of Research for the Association Management Community*. American Society of Association Executives, **\$12,000**.

**Hallowell, B.** (2014). *Programming to Engage the Ohio University Respite Volunteer Program and in the Caring to Help Others Program*. Buckeye Hills Area Agency on Aging, **\$2,500**.

**Hallowell, B.** (2014). *Documentation of Research Ethics Policies: Guidance for Best Practices in the Association Management Community*. American Society of Association Executives Foundation, **\$10,000**.

**Henderson, D.** (2014). *Nurse Education Practice, Quality and Retention*. Health Resources and Services Administration, **\$249,999**.

**Jeng, F.-C.** (2014). *Development of Experience-Dependent Responses to Voice Pitch in Newborns and Infants*. National Science Foundation, **\$166,624**.

**Malawista, M.** (2014). *FY14 Hearing and Speech Contract*. Christ United Methodist Preschool, **\$260**.

**Malawista, M.** (2014). *FY14 Hearing and Speech Contract*. Redeemer Lutheran School, **\$510**.

**Malawista, M.** (2014). *FY14 Hearing and Speech Contract*. Doctors Hospital of Nelsonville, **\$550**.

**Malawista, M.** (2014). *FY14 Hearing and Speech Contract*. Echoing Meadows Residential Center, **\$760**.

**Malawista, M., & Nance, B.** (2014). *IPAC Organizational Services—SEO-IAT Coordinator. Integrating Professionals for Appalachian Children*, **\$4,243.24**.

**Montgomery, J.** (2014). *Cognitive Processing and Sentence Comprehension in Specific Language Impairment (SLI)*. National Institutes of Health, **\$450,256**.

**Montgomery, J.** (2014). *Cognitive Processing and Sentence Comprehension in Specific Language Impairment (SLI)*. National Institutes of Health, **\$20,922**.

**Ragan, B.** (2014). *USA Football Youth Football Safety Study*. Datalys Center, **\$46,650**.

**Russ, D.** (2013-2014). *Effects of Nutritional Supplementation on in situ Muscle Strength and Fatigue Resistance in Aged Rats*. Abbott Labs, **\$118,000**.

**Starkey, C.** (2014). *Athletic Training Services for Area High Schools, Colleges, and Clinics*. Various Sponsors, **\$85,850**.

**Starkey, C.** (2014). *Athletic Training Services for Area High Schools, Colleges, and Clinics*. Various Sponsors, **\$174,250**.

**Thomas, J.,** France, C., **Russ, D.,** Nakazawa, M., Walkowski, S., & Clark, D. (2014). *THE RELIEF STUDY: Neuromuscular Mechanisms Underlying Spinal Manipulation Treatments*. National Institutes of Health, **\$405,124**.

© Copyright August 7, 2015, College of Health Sciences and Professions, Ohio University.

**Send corrections to:**  
Jennifer Horner,  
Associate Dean for Research and Graduate Studies  
College of Health Sciences and Professions  
W380 Grover Center  
Ohio University  
740.597.1263  
[hornerj@ohio.edu](mailto:hornerj@ohio.edu)